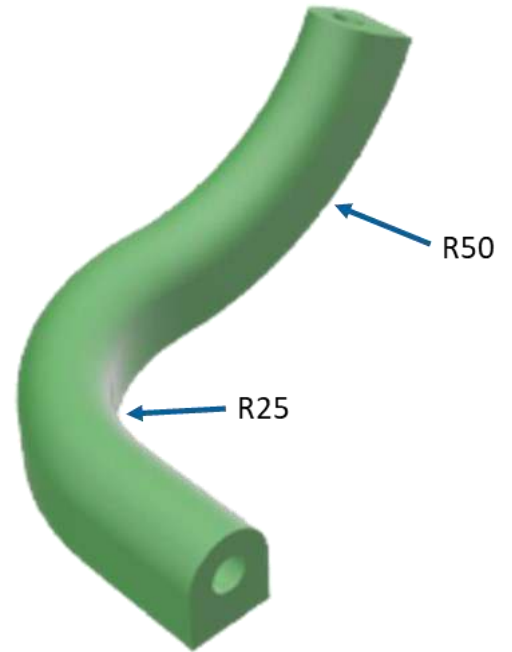


# Mould Seal Data Sheet: RD-20-0011

**D section mould seal which is a harder and more resilient version of the standard D mould seal. For use in high-pressure RTM applications.**

General Specifications	
Silicone Type	General Purpose
Colour	Green
Overall Height	14 mm
Overall Width	12 mm
Cross Sectional Area	133 mm <sup>2</sup>
Shore Hardness	55 shore
Service Temperature	Continuous use: Maximum 180°C Single use: Maximum 200°C
Compressive Force	16 kN/m <b>*to fully close mould seal on a metal RTM channel</b>
Shelf Life	5-10 years *if stored correctly (HOW)
<b>*All extrusion dimensions must be to Silicone Extrusion Tolerance Table E1</b>	

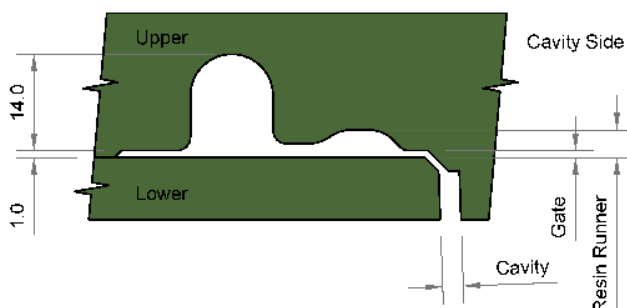


## Groove Specifications

**To avoid seal damage:** Please ensure that the cross sectional area of the seal groove is approximately 10% larger than the area of seal being used. This applies to both composite and metal tooling.

**Note:** The largest practical bend radius, particularly in the vertical direction for the mould tooling is preferable.

### Composite VRTM — Peripheral Fill



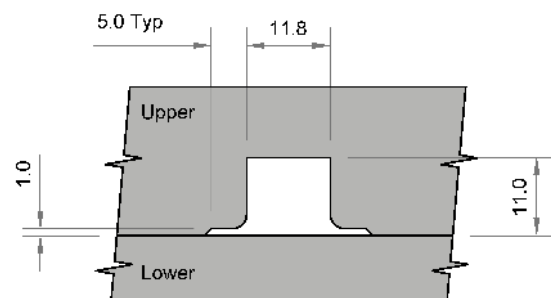
D seal groove to suit RD-20-0013 or RD-20-0011

Use RD-20-0010 (white) to form groove

Use RD-20-0016 (red) to form resin runner

Blend edge of groove R2 Typ

### Metal RTM



D seal groove to suit:

RD-20-0010 (white)

RD-20-0011 (green)

RD-20-0013 (blue)

Runner detail varies on application

